

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
27 January 2005 (27.01.2005)

PCT

(10) International Publication Number
WO 2005/007114 A2

(51) International Patent Classification⁷:

A61K

(21) International Application Number:

PCT/US2004/022889

(22) International Filing Date: 14 July 2004 (14.07.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/487,011

14 July 2003 (14.07.2003) US

(71) Applicant (for all designated States except US): CREA-GRI, INC. [US/US]; 25551 Whitesell Road, Hayward, CA 94545 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): CREA, Roberto [IT/US]; 700 Occidental Avenue, San Mateo, CA 94402 (US).

(74) Agent: LUTHER, Barbara, J.; Quarles & Brady Streich Lang, 2N. Central, Phoenix, AZ 85004 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AI., AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD OF TREATING DIABETES TYPE II

(57) Abstract: A method of treating early diabetic neuropathy includes administering a composition comprising an aqueous extract of olives is disclosed. A method of treating patients with Cfiber neuropathy includes administering a composition comprising an aqueous extract of olives. A method of treating patients with large fiber and C-fiber neuropathy includes administering a composition comprising an aqueous extract of olives. Preferably the aqueous extract of olives contains a weight ratio of hydroxytyrosol to oleuropein of between about 1:1 and about 400:1. More preferably, the weight ratio is between about 3:1 and about 200:1. Most preferably, the weight ratio is between about 5:1 and about 50:1. Alternately, an extract from grape leaves can be used to treat patients with large fiber and Cfiber neuropathy.

WO 2005/007114 A2